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RECORDATION FORM COVER SHEET
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Patent and Trademark Office46694-10
FORM PRO-1595

4-11-01

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Gary J. Hanus
Stuart J. Olstad2. Name and address of receiving party(ies):
Name: Phoenix Solutions Co.
Street Address: 5900 Olson Memorial Highway, Minneapolis, MN 55422Additional name(s) of conveying party(ies) attached?
 yes noAdditional name(s) & address(es) attached?
 yes no

3. Nature of conveyance:

Assignment Merger
 Security Agreement
 Change of Name
 Other _____

Execution Date: January 9, 2001

JUN 11 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)
09/760,081

B. Patent No.(s)

Additional numbers attached? yes no5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Paul L. Sjoquist
Street Address: 16365 Crystal Hills Circle
City: Lakeville State: MN ZIP: 550446. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$40.00
 Enclosed
 Any deficiencies authorized to be charged to deposit account

8. Deposit account number:

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Paul L. Sjoquist

Name of Person Signing

Signature

Total number of pages including cover sheet, attachments, and document: 36/11/2001
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MAY 18 2004

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PTO/SB/82 (09-03)

Approved for use through 11/30/2005. OMB 0651-0035

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REVOCATION OF POWER OF
ATTORNEY WITH
NEW POWER OF ATTORNEY
AND
CHANGE OF CORRESPONDENCE ADDRESS

Application Number	09/760,081
Filing Date	Jan. 12, 2001
First Named Inventor	Gary Hanus
Art Unit	1764
Examiner Name	Glenn Caldarola
Attorney Docket Number	20040222.0RI

I hereby revoke all previous powers of attorney given in the above-identified application.

 A Power of Attorney is submitted herewith.

OR

 I hereby appoint the practitioners associated with the Customer Number: 23595 Please change the correspondence address for the above-identified application to: The address associated with
Customer Number:

23595

OR

 Firm or
Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I am the:

 Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

SIGNATURE of Applicant or Assignee of Record

Name Gary J. HanusSignature Gary J. Hanus

Date May 10, 2004 Telephone 763-544-2721

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

 Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/98 (08-03)

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Phoenix Solutions Co.Application No./Patent No.: 09/760,081 Filed/Issue Date: January 12, 2001Entitled: Electrically-heated chemical process reactorPhoenix Solutions Co. a corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or2. an assignee of less than the entire right, title and interest.The extent (by percentage) of its ownership interest is _____ %
in the patent application/patent identified above by virtue of either:A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 011876, Frame 0316, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

May 10, 2004Gary J. HanusDate
763-544-2721

Typed or printed name

Telephone number

Gary J. Hanus

Signature

Sr. Vice President / CTO

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Patent and Trademark Office
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 Washington, D.C. 20231

AUGUST 20, 2001

PTAS



101748371A

PAUL L. SJOQUIST
 16365 CRYSTAL HILLS
 LAKEVILLE, MN 55044

UNITED STATES PATENT AND TRADEMARK OFFICE
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RECORDATION DATE: 06/11/2001

REEL/FRAME: 011876/0316
 NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HANUS, GARY J.

DOC DATE: 01/09/2001

ASSIGNOR:

OLSTAD, STUART J.

DOC DATE: 01/09/2001

ASSIGNEE:

PHOENIX SOLUTIONS CO.
 5900 OLSON MEMORIAL HIGHWAY
 MINNEAPOLIS, MINNESOTA 55422

SERIAL NUMBER: 09760081
 PATENT NUMBER:

FILING DATE: 01/12/2001
 ISSUE DATE:

MARCUS KIRK, EXAMINER
 ASSIGNMENT DIVISION
 OFFICE OF PUBLIC RECORDS

Patent Docket 46694-10

ASSIGNMENT

Whereas, the undersigned inventor(s) (hereinafter referred to as "ASSIGNOR"), have invented certain new and useful improvements in

ELECTRICALLY-HEATED CHEMICAL PROCESS REACTOR,

for which an application is about to be made for Letters Patent of the United States, said application having been executed on even date herewith, and which may be identified in the United States Patent Office by Serial No. 09/760,081, filed Jan. 12, 2001; and

Whereas, Phoenix Solutions Co. (hereinafter referred to as "ASSIGNEE"), a business unit of FluiDyne Engineering Corp., a corporation organized and existing under the laws of Minnesota; and having its principal offices at 5900 Olson Memorial Highway, Minneapolis, MN 55422; is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

Now, therefore, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration to ASSIGNOR in hand paid by ASSIGNEE, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by presents does hereby sell, assign and transfer unto the ASSIGNEE, its successors and assigns, my entire right, title and interest in and to said invention, said application and the Letters Patent, in the United States and all countries throughout the world, and any continuations, continuations-in-part, and divisions thereof that may or shall issue, including all of its rights under International Conventions, and ASSIGNOR does hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above-mentioned ASSIGNEE in accordance herewith.

ASSIGNOR hereby authorizes the ASSIGNEE, its successors and assigns, or anyone it may properly designate, to insert in this instrument the filing date and serial number of said application when ascertained.

ASSIGNOR further authorizes said ASSIGNEE, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Upon said consideration, ASSIGNOR does hereby covenant and agree with the ASSIGNEE, its successors and assigns, that ASSIGNOR will not execute any writing or do any act whatsoever conflicting with these presents, and that ASSIGNOR or its executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the ASSIGNEE, its successors and assigns, execute such additional acts as said ASSIGNEE, its successors and assigns, may deem necessary or desirable to protect the ASSIGNEE's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuation, continuation-in-part, or reissued or extended Letters Patent of the United States, or any of and all foreign countries, on said invention, and in enforcing any rights, occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

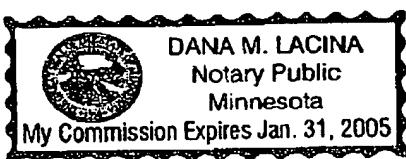
ASSIGNOR

Name: Gary J Hanus
Gary J. Hanus

Address: 5900 5336 Brookview Ave
Edina, MN 55424

Subscribed and sworn to before me
this 9th day of January, 2001

Dana M. Lacinia
Notary Public



ASSIGNOR

Name: Stuart J. Olstad
Stuart J. Olstad

Address: 9792 IVES LN N.
MAPLE GROVE, MN
55369

Subscribed and sworn to before me
this 9th day of January, 2001

Dana M. Lacinia
Notary Public